

Title (en)

STENT FOR IMPLANTATION IN THE HUMAN BODY, ESPECIALLY IN BLOOD VESSELS

Title (de)

STENT ZUR IMPLANTATION IM MENSCHLICHEN KÖRPER, INSBESONDERE IN BLUTGEFÄSSE

Title (fr)

EXTENSEUR POUR OPERATIONS D'IMPLANTATION DANS LE CORPS HUMAIN, NOTAMMENT DANS DES VAISSEaux SANGUINS

Publication

**EP 1032329 B1 20040707 (DE)**

Application

**EP 98963470 A 19981117**

Priority

- DE 19750971 A 19971118
- EP 9807359 W 19981117

Abstract (en)

[origin: WO9925271A1] The invention relates to a stent for implantation in the human body, especially in blood vessels, comprising a hollow cylindrical body (12) which is made of several interlaced filamentary elements (20) whose peripheries are offset in relation to each other to form an interwoven structure (22) with a plurality of cells. Each filamentary element (20) is guided from a first end (32) of the stent (10) to the other end (14) of the stent in keeping with said interwoven structure (22) and is diverted in the direction of the first end (32) whereupon it is brought back to the first end in keeping with said interwoven structure (22). The free end sections (34) of the filamentary elements (20) on the first end (32) are joined to each other so that they do not come undone.

IPC 1-7

**A61F 2/06**

IPC 8 full level

**A61F 2/06** (2006.01); **A61F 2/90** (2006.01)

CPC (source: EP)

**A61F 2/90** (2013.01); **D04C 1/06** (2013.01)

Cited by

WO2006024488A2; US7455688B2; US7803181B2

Designated contracting state (EPC)

DE FR GB IE NL

DOCDB simple family (publication)

**WO 9925271 A1 19990527**; AU 1873599 A 19990607; DE 19750971 A1 19990708; DE 59811657 D1 20040812; EP 1032329 A1 20000906; EP 1032329 B1 20040707; JP 2001522691 A 20011120; JP 4208413 B2 20090114

DOCDB simple family (application)

**EP 9807359 W 19981117**; AU 1873599 A 19981117; DE 19750971 A 19971118; DE 59811657 T 19981117; EP 98963470 A 19981117; JP 2000520709 A 19981117